4 Strategies

- IT as an Enterprise
- Provide Authority and Structure to Implement
- Leverage Commercial IT Processes and Strategies
- Network Centric AF

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IT as an Enterprise

- Tactics
    - Create a single IT Major Force Program (comparable to personnel)
    - Consolidate IT funding and integrate budget submission
    - Establish IT Career Path
    - Storage at the "core" of the IT enterprise
    - Shorten acquisition cycle times-provide pool of funds to fund program front end—return through ROI measurement
    - IT should not distinguish domains (eg space, air, terrestrial)
    - Continue AF portal
    - Remove ACQ barriers to Quick Reaction Contract IT acquisitions

IT as an Enterprise (con't)

- Tactics (con't)
  - Utilize more performance based acquisitions
  - Move the AC^2 ISRC organizationally to report to Chief Knowledge Officer
  - Develop end to end PE's
  - Reduce ACQ cycle times (Multi-year contracts, stabilize funding, lease where applicable)
  - Stand up an operational test bed to incorporate new IT tactics and implementations
  - Simplify POMing and Approval process for IT

IT as an Enterprise (con't)

- Opportunities
  - Redirect AF IT personnel by leasing IT capabilities
  - Use the AF Portal to disseminate opportunities and obtain industry ideas for systems, concepts, and technologies.
    - Benefit: Rapid information flow and new ideas for AF application
  - Consolidation of PE's and budget will heighten a stronger industry interest in AF IT
  - Reduce cycle time
    - Change the acquisition regulations for IT systems to streamline "funding," "coordination," "approval," procurement," and "sustainment" processes.
    - Put IT in special category
    - Benefit: reduced cost, manpower, and turn around time

Provide Authority and Structure to Implement IT

- Tactics
    - Provide the IT Czar with authority/responsibility/accountability/resources for procurement and financial aspects of IT
        - Create an Air Force Chief Knowledge Officer
    - Solidify C^2ISR PE's into C^2 weapons system packages
    - CIO equal in rank to those who report to Chief
    - CIO heads controls, administers all IT resources
    - Empower CIO and provide authority, responsibility, and resources to execute an Air Force IT Enterprise
    - Establish Funding Line (PE) for AFIT to plan, manage, and maintain an Air Force IT enterprise

Provide Authority and Structure to Implement IT(con't)

- Tactics (con't)
  - Establish a sustaining IT funding line to provide for IT sustainment and technology refresh
    - USAF CIO reports to Chief
    - CIO facilitates and implements USAF wide IT Plan
- Opportunities
  - Industry can provide SETA support to the Czar
    - Benefit: reduced AF manning and industry expertise
  - Establish an independent team to create and propose a USAF IT organization whose "head" reports to the "Chief"

Provide Authority and Structure to Implement IT(con't)

- Opportunities (con't)
  - Expand ESC business base
    - Benefit: Keeps people employed
      - Centralizes management and control of IT
      - Leverages available systems engineering and management expertise
  - USAF engage industry to proactively work congress to change law for implementing QRC IT acquisitions
    - Benefit: Lower ACQ costs

Leverage Commercial IT Processes and Technology

- Tactics
  - Insist on open standards
  - Move towards web based, e-commerce, and e-business implementations
    - Information velocity (Right time, place, info person)
  - Lease IT services whenever possible
  - Adopt commercial IT outsource practices
  - Summarize industry approach to collecting analyzing and meeting customer requirements/ How does industry track requirements and conduct trade-offs
  - Identify commercial practices that take advantage of rapidly evolving IT technology

Leverage Commercial IT Processes and Technology (con't)

- Tactics (con't)
  - How does industry insure that delivered systems meet customers requirements--Deal with changing requirements
  - Develop processes that outline commercial approaches to IT Strategies (budgets, architecture, implementation, improvements/enhancements)
  - Establish strong procurement relationships with industry (preferred, long range)
  - Review/assess commercial practices and standards; select the "best of breed"
  - Implement commercial leases w/technology refresh where practical

Leverage Commercial IT Processes and Technology (con't)

- Tactics (con't)
  - Establish commercial preferred list of vendors and make contracting access easy and time sensitive
  - Information must be transparent to user
  - Priority is to define procure and deploy COTS solutions
  - Leverage industry to fund IT innovations

Leverage Commercial IT Processes and Technology (con't)

- Opportunities
  - Increased Industry-Government partnership.
  - Expand Business Base
    - Benefit: Greater compatibility between GOV systems and commercial systems
  - Establish a formal program to conduct best practices forums with commercial industry leaders
  - Consolidate information storage (maximize) to eliminate or reduce stove pipes
    - Benefit: huge cost savings to USAF
  - Feasibility studies by industry to assist CIO in QRC IT acquisition methodology
    - Benefit: Reduced cycle times to field current technology

Leverage Commercial IT Processes and Technology (con't)

- Opportunities (con't)
  - Lease IT equipment and services
    - Benefit: Front end reduced acquisition costs and easy technology refresh
  - Consolidate all expenditures for IT to better control and reduce costs
    - Benefit: Reduced Cost

Network Centric AF

- Tactics
  - Operational Support Structure (Mission Critical Information)
  - Support Business Application's (Personnel, payroll, medical)
  - Create an Air Force IT architecture and vision comparable to Copernicus
  - Information Velocity is a Primary Focus for Measurement
  - USAF defines USAF wide unified modular architecture
  - Information is available to anyone at anyplace at anytime

Network Centric AF (con't)

- Tactics (con't)
  - Create and use a Joint Battlespace Infosphere environment
  - Consolidate and incorporate AF Operational Needs programmatic Needs and Business Solutions into a centrally accessible network
  - Create an AF infrastructure of linking data bases processes and information use by the AF to satisfy mission needs
  - Program Applications (modeling, simulations)

Network Centric AF (con't)

- Opportunities
  - Eliminate Stovepipes by consolidating storage and stressing network centric solution
  - Reduce the number of diverse IT systems within AF
    - Centralize procurement and management of IT services
    - Benefit: Implement IT in a planned and organized approach
  - Create a central database for IT requirements
    - Benefit: reduce proliferation of disparate systems and networking consolidated and shortened time for requirements generation
  - Architect a single USAF wide architecture from the desktop to the data center to the cockpit